

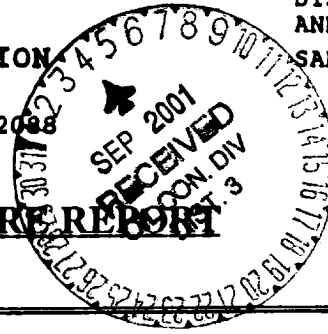
District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088



PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: ESKEENALWOOD GC B1
Well Name
Location: Unit or Qtr/Qtr Sec A Sec 25 T 28N R 9W County SAN JUAN
Pit Type: Separator Dehydrator Other BLOW
Land Type: BLM , State , Fee , Other NAVED ALLOTTED

Pit Location: Pit dimensions: length 35', width 39', depth 45'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 215'
Direction from reference: 25 Degrees X East North
of
 West South X

Depth To Ground Water:
(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 Points) 20

Wellhead Protection Area:
(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

Yes (20 points)
No (0 points) 20

Distance To Surface Water:
(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 10

RANKING SCORE (TOTAL POINTS):

50

Date Remediation Started: _____ Date Completed: 8/2/94

Remediation Method: Excavation ☒
(Check all appropriate sections)

Approx. cubic yards 2200

Landfarmed ☒

Insitu Bioremediation _____

Other _____

Remediation Location: Onsite ☒ Offsite _____
(ie. landfarmed onsite,
name and location of
offsite facility)

General Description Of Remedial Action: VERTICAL EXTENT ESTABLISHED.

Excavation. ONLY 1300 C.Y. ACCOUNTED FOR DURING SAMPLING OF

LANDFARM. REMAINING 900 C.Y. MAY HAVE BEEN DEEMED CLEAN OVER -

BURDEN & PLACED BACK INTO EXCAVATION. PIT

DMOCD letter correspondence 12-13-96

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit:

Sample location see Attached Documents

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample depth 46'

Sample date 8/2/94

Sample time 0915

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 33.5

TPH 72 ppm

Ground Water Sample: Yes _____ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
OF MY KNOWLEDGE AND BELIEF

DATE 8/2/94

SIGNATURE B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80037</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>ESKEENALWOOD GCWELL #:</u> <u>B1</u>	PIT: <u>BLOW</u>	DATE STARTED: <u>8/2/94</u>
QUAD/UNIT: <u>A</u>	SEC: <u>25</u> TWP: <u>28 N</u> RNG: <u>9 W</u> PM: <u>NW</u> CNTY: <u>SJ</u> ST: <u>NM</u>	DATE FINISHED: <u>8/2/94</u>
QTR/FOOTAGE: <u>NE 1/4 NE 1/4</u>	CONTRACTOR: <u>P. VELASQUEZ</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

SOIL REMEDIATION: EXCAVATION APPROX. 35 FT. x 39 FT. x 45 FT. DEEP.
DISPOSAL FACILITY: LANDFARMED ON-SITE CUBIC YARDAGE: 2200
LAND USE: RANGE LEASE: NAVAJO ALLOTTED 14-20-603-779

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 215 FEET 525E FROM WELLHEAD.
DEPTH TO GROUNDWATER: 50 NEAREST WATER SOURCE: 61000 NEAREST SURFACE WATER: 61000
NMOC D RANKING SCORE: 50 NMOC D TPH CLOSURE STD: 100 PPM FORMATION: DK

SOIL AND EXCAVATION DESCRIPTION:

21/10/2018
Risk Assessed
~~PERMANENT CLOSURE~~
DUE TO STIFF
CLAY, HIGHLY
PLASTIC

OK. YELL. BROWN CLAY, MEDIUM TO HIGHLY PLASTIC, MOIST,
STIFF TO VERY STIFF, STRONG HC ODOR IN ALL ODM
SAMPLES. GW POSSIBLY ENCOUNTERED WITHIN THE NEXT 5 FT.
(ESTIMATED)

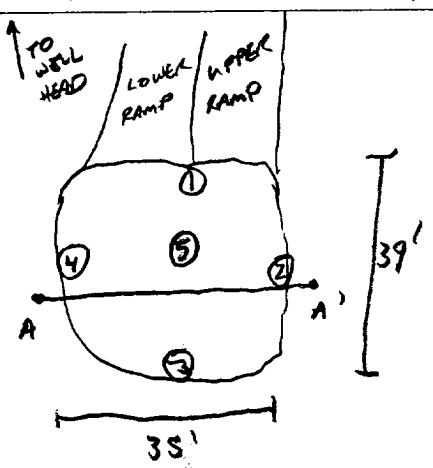
FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
5C 46'	TH-1050	5	20	1:1	18	72

SCALE

0 FT

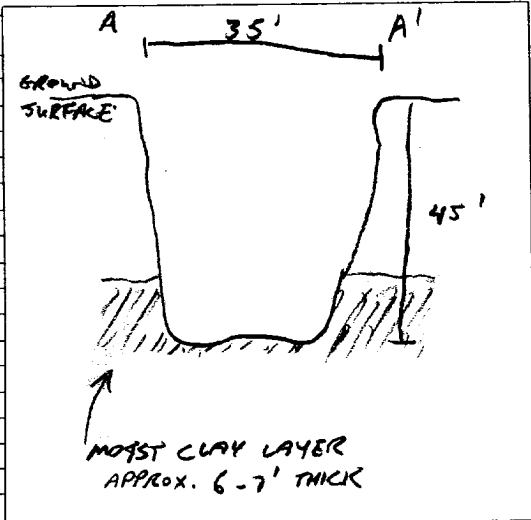
PIT PERIMETER



OVM RESULTS

[illegible]

PIT PROFILE



TRAVEL NOTES: CALLOUT: 8/1/94 ONSITE: 8/2/94

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: Amoco
Sample ID: 5 @ 46'
Project Location: Eskeenalwood GC B 1
Laboratory Number: TPH-1050

Project #:
Date Analyzed: 8-02-94
Date Reported: 8-02-94
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	72	20

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	978	938	4.18

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total
Recoverable, Chemical Analysis of Water and Waste,
USEPA Storet No.4551, 1978

Comments: Blow Pit - B0037


Analyst
Review

CLIENT: BPBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: 80037C.O.C. NO: 4251

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: ESKEENALWOOD GC B WELL #: 1 PITS: BLUDATE STARTED: 6/21/01

DATE FINISHED: _____

QUAD/UNIT: A SEC: 25 TWP: 28N RNG: 9W PM: NM CNTY: ST ST: NMENVIRONMENTAL
SPECIALIST: NVDTR/FOOTAGE: _____ NE/NE CONTRACTOR: P+S

SOIL REMEDIATION:

2200

REMEDATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 1300LAND USE: RANGELIFT DEPTH (ft): 2

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMCD RANKING SCORE: 20 NMCD TPH CLOSURE STD: 100 PPM

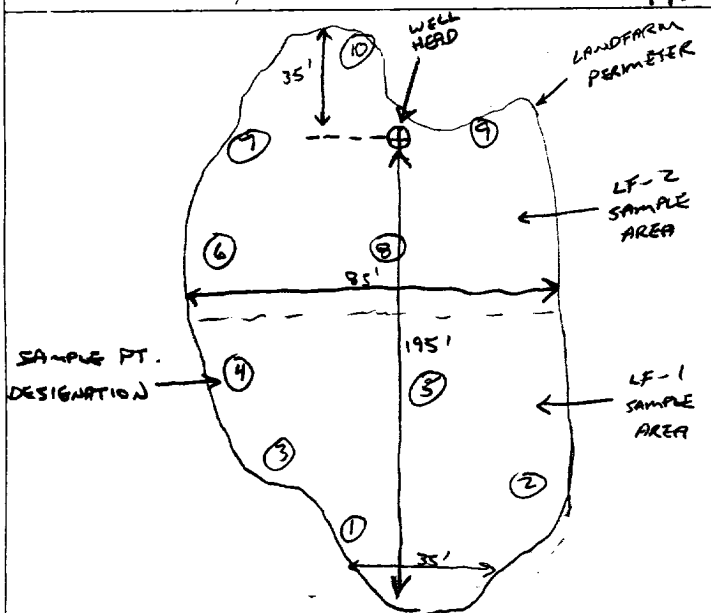
MOSTLY OK. YELL. ORANGE SAND, NON COHESIVE, DRY TO SLIGHTLY MOIST, FIRM, NO APPARENT DISCOLORATION/STAINING OBSERVED OR HC ODOR DETECTED @ ANY OF THE SAMPLE PTS. OR OVM SAMPLES, SAMPLE DEPTHS RANGED FROM 8"-18", COLLECTED 5 PT. COMPOSITE SAMPLES FOR LAB ANALYSIS.

CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. 32.7 ppm
TIME: 0815 am/pm 6/20/01

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015)	1230	ND
LF-2	0.0	LF-2	TPH (8015)	1315	ND

SCALE



0 FT

TRAVEL NOTES: CALLOUT: N/AONSITE: 6/21/01

revised: 03/12/01

bei1006.skd

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

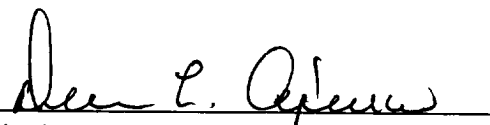
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	06-25-01
Laboratory Number:	20119	Date Sampled:	06-21-01
Chain of Custody No:	9251	Date Received:	06-21-01
Sample Matrix:	Soil	Date Extracted:	06-24-01
Preservative:	Cool	Date Analyzed:	06-25-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

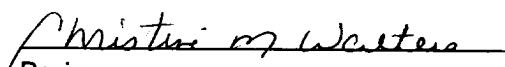
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Eskeenalwood GC B #1 Landfarm. 5 Pt. Composite Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

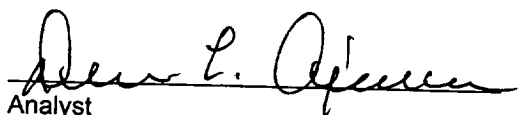
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 2	Date Reported:	06-25-01
Laboratory Number:	20120	Date Sampled:	06-21-01
Chain of Custody No:	9251	Date Received:	06-21-01
Sample Matrix:	Soil	Date Extracted:	06-24-01
Preservative:	Cool	Date Analyzed:	06-25-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

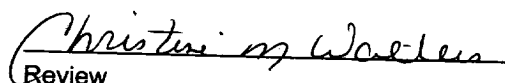
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Eskeenalwood GC B #1 Landfarm. 5 Pt. Composite Sample.


Analyst


Review

09251

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